

The Commonwealth of Massachusetts
Executive Office of Health and Human Services
Department of Public Health
William A. Hinton State Laboratory Institute
305 South Street, Jamaica Plain, MA 02130

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GOVERNOR

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SECRETARY

JOHN AUERBACH
COMMISSIONER

05/24/12

Thomas Costello
Assistant District Attorney, Suffolk County

Mr. Costello,

Enclosed is the information you requested. Included are copies of the following:

1. Drug Analysis Laboratory Receipt.
2. Control Card with analytical results for sample # [REDACTED]
3. Analysis sheet with chemist's hand notations and test results.
4. GC/MS analytical data for sample # [REDACTED]

If you have any questions about these materials, please call me at the number below.

Sincerely,

A handwritten signature in black ink, appearing to read "Kate Corbett", written over a printed name.

Kate Corbett
Chemist II
Drug Analysis Lab
Jamaica Plain, MA. 02130
(617) 983-6632



DESTRUCTION #

BKWD

ID# 12251

[illegible]

To be completed by ECU personnel only

12015

1-6-12

ECU Control #

No. [REDACTED]
City: Boston D.C.U. Police Dept.
Officer: P.O. MILA DEPINA
Def: [REDACTED]

Date Analyzed: 6/3/12

Amount:
No. Cont: 11 Cont: pb
Date Rec'd: 01/06/2012
Gross Wt.: 6.06

Subst: SUB

No. Analyzed: 2
Net Weight: 1.42g
Tests: 14/CAC

Prelim: Cocaine

Findings: +4
Cocaine

DRUG POWDER ANALYSIS FORM

SAMPLE # [REDACTED] AGENCY Boston ANALYST KAC
No. of samples tested: 2 Evidence Wt. OK

PHYSICAL DESCRIPTION:

11 similar pbs containing
an off-white rock-like
substance

Gross Wt (11): 1.9496g
Gross Wt (): _____
Pkg. Wt: _____
Net Wt: 1.4206g ✓

PRELIMINARY TESTS

Spot Tests

2 Cobalt Thiocyanate (H⁺) + blue
2 Marquis + pink ✓
2 Froehde's -
2 Mecke's -

Microcrystalline Tests

2 Gold Chloride +
2 TLTA (H⁺) + ✓

OTHER TESTS

PRELIMINARY TEST RESULTS

RESULTS Cocaine
DATE 5/1/12

GC/MS CONFIRMATORY TEST

RESULTS Cocaine ✓
MS OPERATOR KAC
DATE 5/3/12

Sample #



samples tested: 2

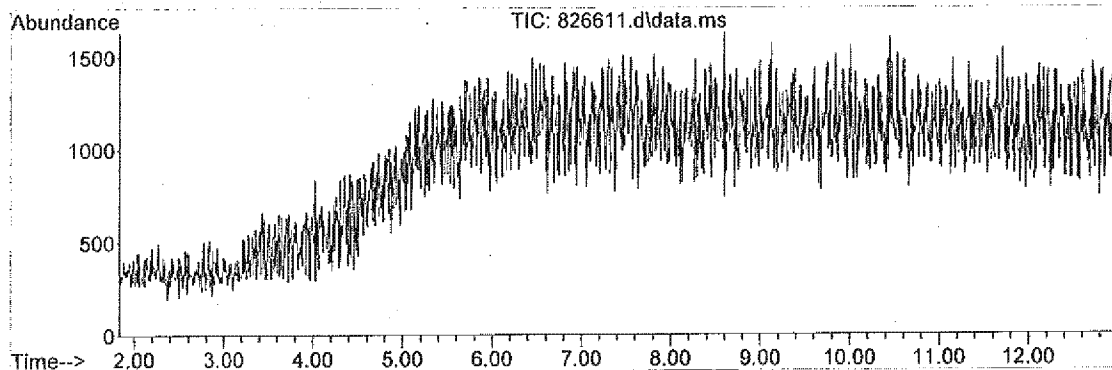
Total
12
x11

| # | Gross Weight | Packet Weight | Net Weight | # | Gross Weight | Packet Weight | Net Weight |
|----|--------------|---------------|------------|----|--------------|---------------|------------|
| 1 | 0.1833g | 0.0648g | 0.1185g | 26 | | | |
| 2 | 0.1822g | 0.0424g | 0.1398g | 27 | | | |
| 3 | | | | 28 | | | |
| 4 | 0.3655g | 0.1072g | 0.2583g | 29 | | | |
| 5 | 0.1827g | 0.0536g | 0.1291g | 30 | | | |
| 6 | 2.0102g | 0.5896g | 1.4206g | 31 | | | |
| 7 | | | | 32 | | | |
| 8 | | | | 33 | | | |
| 9 | | | | 34 | | | |
| 10 | | | | 35 | | | |
| 11 | | | | 36 | | | |
| 12 | | | | 37 | | | |
| 13 | | | | 38 | | | |
| 14 | | | | 39 | | | |
| 15 | | | | 40 | | | |
| 16 | | | | 41 | | | |
| 17 | | | | 42 | | | |
| 18 | | | | 43 | | | |
| 19 | | | | 44 | | | |
| 20 | | | | 45 | | | |
| 21 | | | | 46 | | | |
| 22 | | | | 47 | | | |
| 23 | | | | 48 | | | |
| 24 | | | | 49 | | | |
| 25 | | | | 50 | | | |

Calculations:

Information from Data File:

File Name : C:\MSDCHEM\1\DATA\SYSTEM6\05_01_12\826611.d
Operator : KAC
Date Acquired : 1 May 2012 16:45
Sample Name : BLANK
Submitted by :
Vial Number : 1
AcquisitionMeth: DRUGS.M
Integrator : RTE

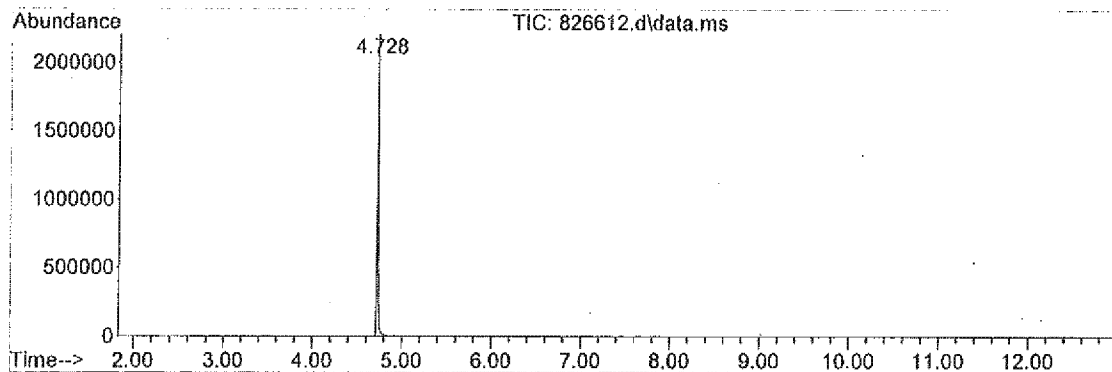


| Ret. Time | Area | Area % | Ratio % |
|-----------|------|--------|---------|
|-----------|------|--------|---------|

NO INTEGRATED PEAKS

Information from Data File:

File Name : C:\MSDCHEM\1\DATA\SYSTEM6\05_01_12\826612.d
Operator : KAC
Date Acquired : 1 May 2012 17:01
Sample Name : COCAINE STD
Submitted by :
Vial Number : 12
AcquisitionMeth: DRUGS.M
Integrator : RTE



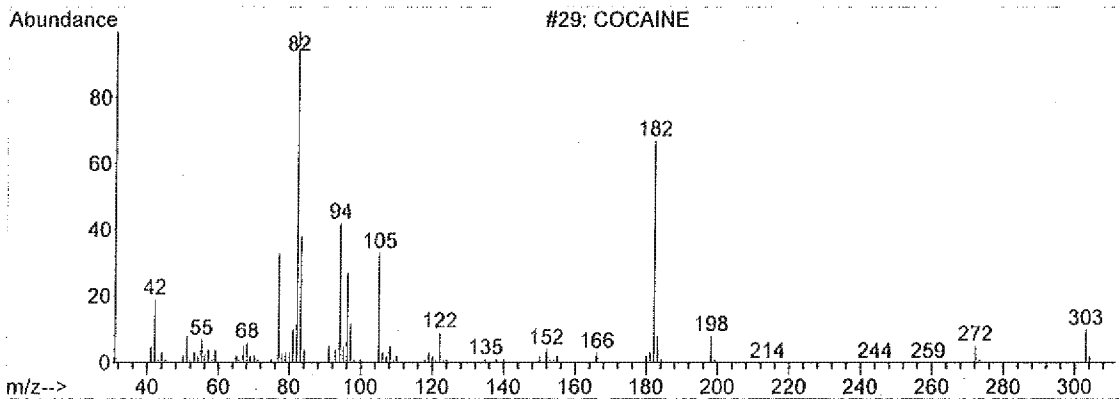
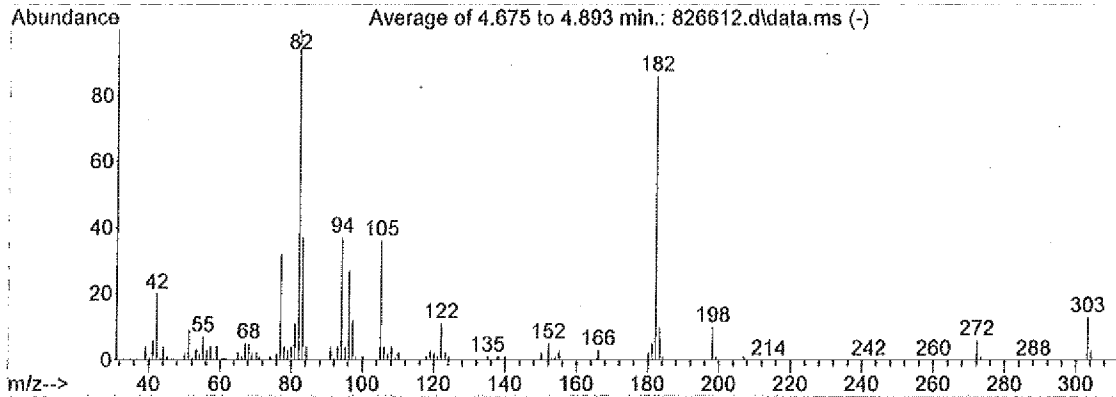
| Ret. Time | Area | Area % | Ratio % |
|-----------|---------|--------|---------|
| 4.728 | 2135536 | 100.00 | 100.00 |

Information from Data File:

File Name : C:\MSDCHEM\1\DATA\SYSTEM6\05_01_12\826612.d
Operator : KAC
Date Acquired : 1 May 2012 17:01
Sample Name : COCAINE STD
Submitted by :
Vial Number : 12
AcquisitionMeth: DRUGS.M
Integrator : RTE

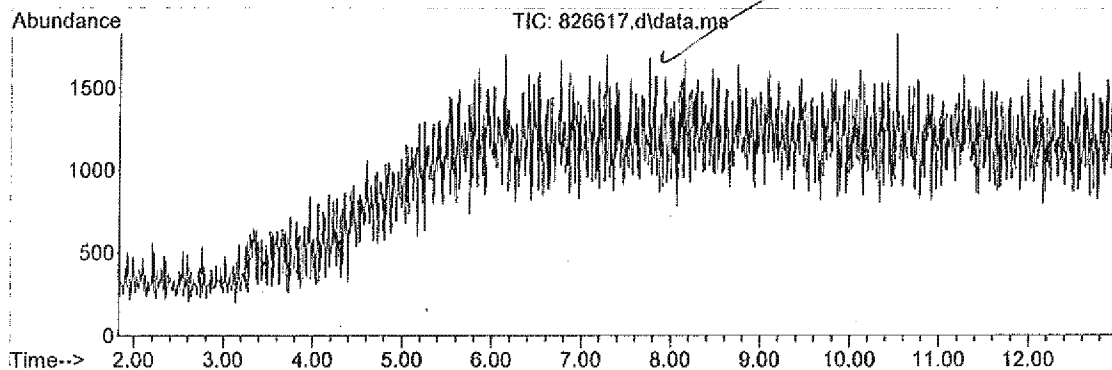
Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

| PK# | RT | Library/ID | CAS# | Qual |
|-----|------|-------------------|-------------|------|
| 1 | 4.73 | C:\Database\SLI.L | | |
| | | COCAINE | 000050-36-2 | 99 |
| | | COCAINE | 000050-36-2 | 99 |
| | | COCAINE | 000050-36-2 | 99 |



Information from Data File:

File Name : C:\MSDCHEM\1\DATA\SYSTEM6\05_01_12\826617.d
Operator : KAC
Date Acquired : 1 May 2012 18:20
Sample Name : BLANK
Submitted by : KAC
Vial Number : 1
AcquisitionMeth: DRUGS.M
Integrator : RTE

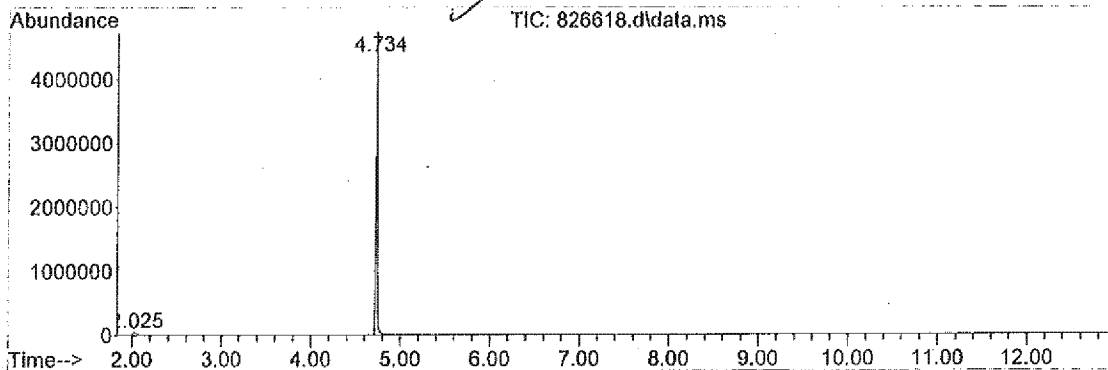


| Ret. Time | Area | Area % | Ratio % |
|-----------|------|--------|---------|
|-----------|------|--------|---------|

NO INTEGRATED PEAKS

Information from Data File:

File Name : C:\MSDCHEM\1\DATA\SYSTEM6\05_01_12\826618.d
Operator : KAC
Date Acquired : 1 May 2012 18:36
Sample Name : XXXXXXXXXX
Submitted by : KAC
Vial Number : 18
AcquisitionMeth: DRUGS.M
Integrator : RTE



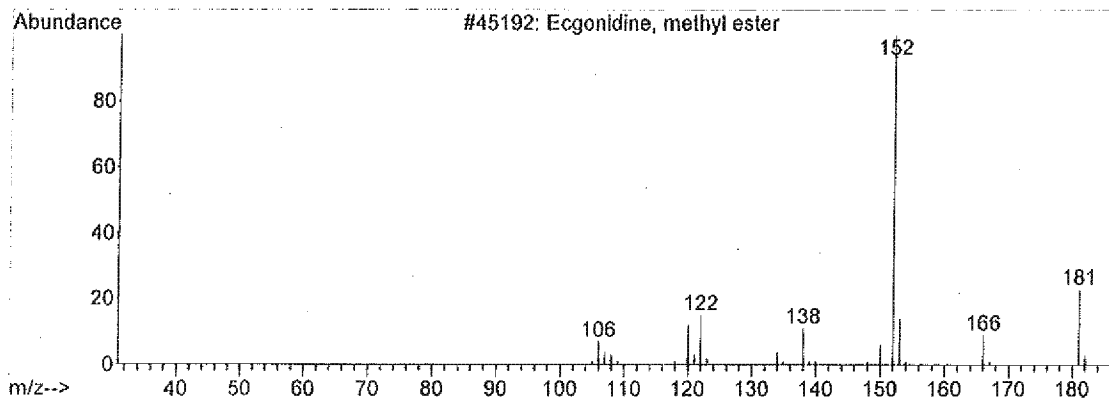
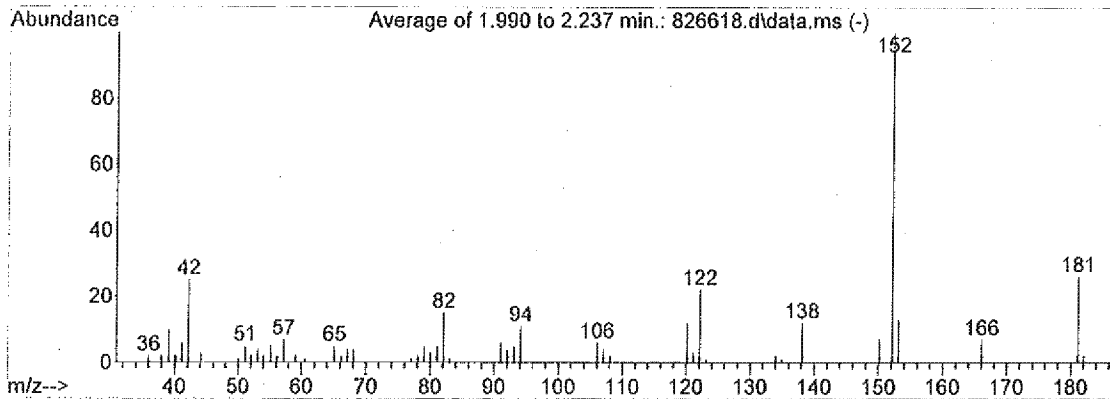
| Ret. Time | Area | Area % | Ratio % |
|-----------|---------|--------|---------|
| 2.025 | 157649 | 2.81 | 2.89 |
| 4.734 | 5459161 | 97.19 | 100.00 |

Information from Data File:

File Name : C:\MSDCHEM\1\DATA\SYSTEM6\05_01_12\826618.d
Operator : KAC
Date Acquired : 1 May 2012 18:36
Sample Name : XXXXXXXXXX
Submitted by : KAC
Vial Number : 18
AcquisitionMeth: DRUGS.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

| PK# | RT | Library/ID | CAS# | Qual |
|-----|------|-------------------------------------|-------------|------|
| 1 | 2.03 | C:\Database\NIST08.L | | |
| | | Ecgonidine, methyl ester | 127379-24-2 | 87 |
| | | 2-Carbomethoxy-8-methyl-8-azabicycl | 043021-26-7 | 80 |
| | | Benzenamine, N-methyl-4-nitro- | 000100-15-2 | 38 |

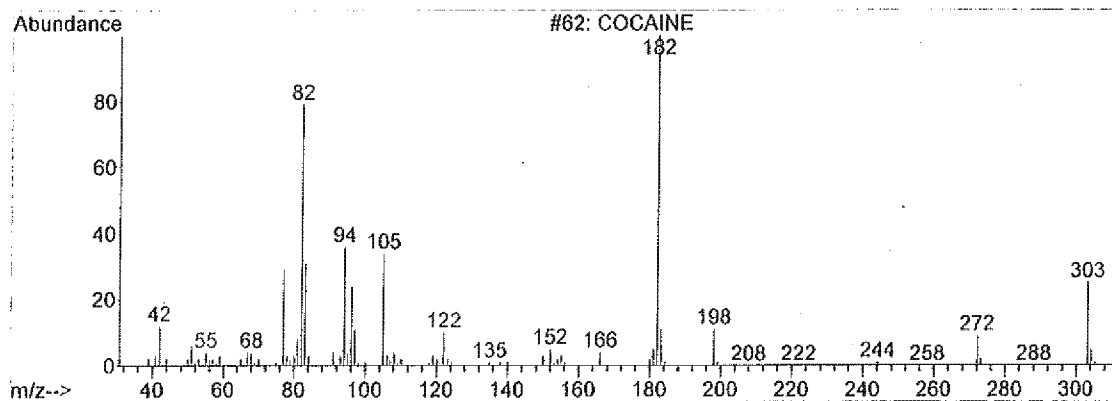
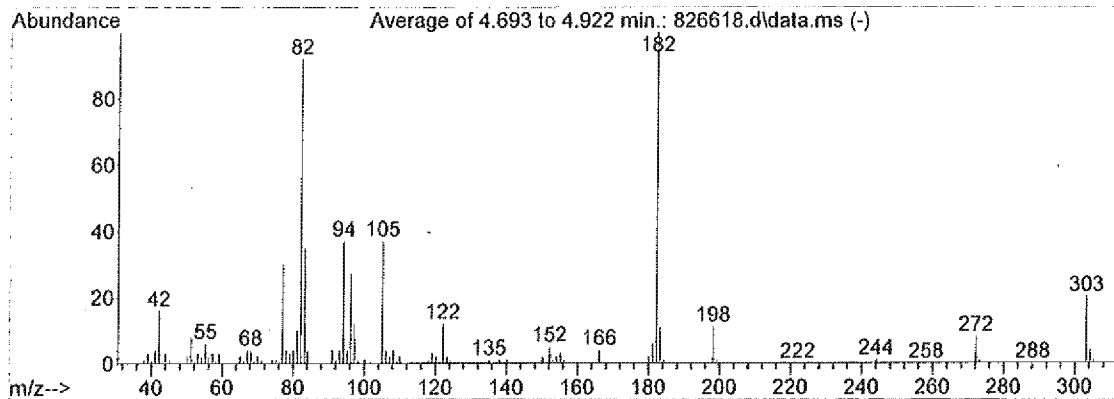


Information from Data File:

File Name : C:\MSDCHEM\1\DATA\SYSTEM6\05_01_12\826618.d
Operator : KAC
Date Acquired : 1 May 2012 18:36
Sample Name : XXXXXXXXXX
Submitted by : KAC
Vial Number : 18
AcquisitionMeth: DRUGS.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

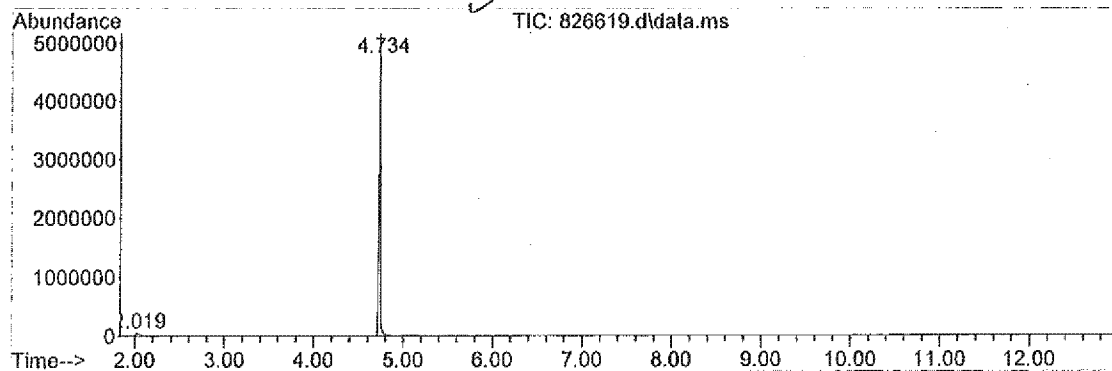
| PK# | RT | Library/ID | CAS# | Qual |
|-----|------|-------------------|-------------|------|
| 2 | 4.73 | C:\Database\SLI.L | | |
| | | COCAINE | 000050-36-2 | 99 |
| | | COCAINE | 000050-36-2 | 99 |
| | | COCAINE | 000050-36-2 | 99 |



Area Percent / Library Search Report

Information from Data File:

File Name : C:\MSDCHEM\1\DATA\SYSTEM6\05_01_12\826619.d
 Operator : KAC
 Date Acquired : 1 May 2012 18:52
 Sample Name : XXXXXXXXXX
 Submitted by : KAC
 Vial Number : 19
 AcquisitionMeth: DRUGS.M
 Integrator : RTE



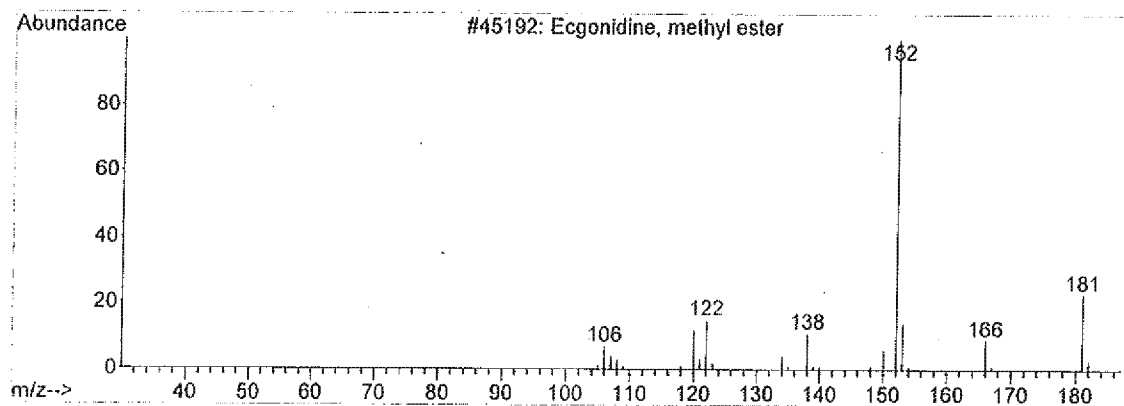
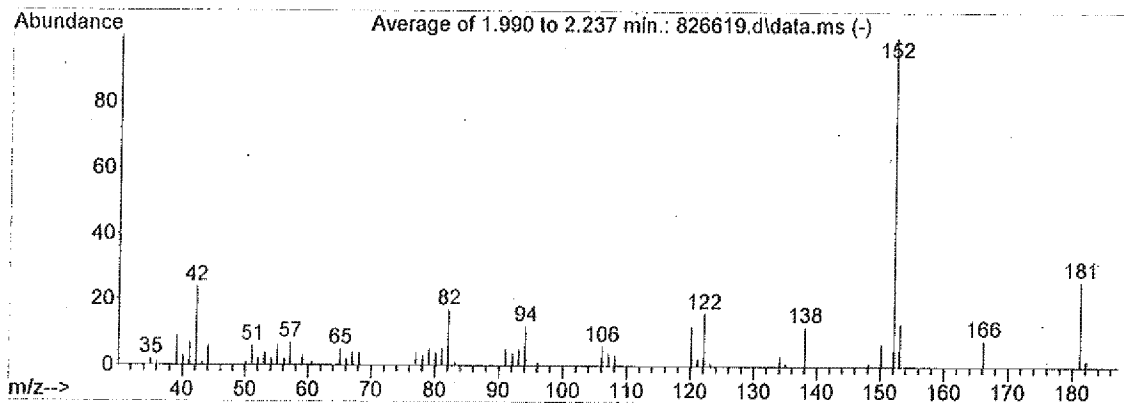
| Ret. Time | Area | Area % | Ratio % |
|-----------|---------|--------|---------|
| 2.019 | 204362 | 3.17 | 3.27 |
| 4.734 | 6251630 | 96.83 | 100.00 |

Information from Data File:

File Name : C:\MSDCHEM\1\DATA\SYSTEM6\05_01_12\826619.d
Operator : KAC
Date Acquired : 1 May 2012 18:52
Sample Name : XXXXXXXXXX
Submitted by : KAC
Vial Number : 19
AcquisitionMeth: DRUGS.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

| PK# | RT | Library/ID | CAS# | Qual |
|-----|------|-------------------------------------|-------------|------|
| 1 | 2.02 | C:\Database\NIST08.L | | |
| | | Ecgonidine, methyl ester | 127379-24-2 | 91 |
| | | 2-Carbomethoxy-8-methyl-8-azabicycl | 043021-26-7 | 87 |
| | | 3,5-Dimethoxyphenethylamine | 003213-28-3 | 50 |

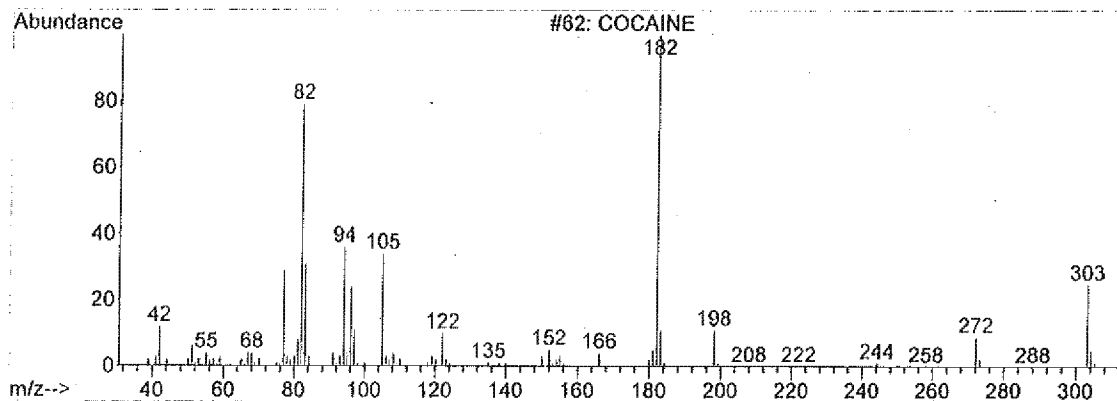
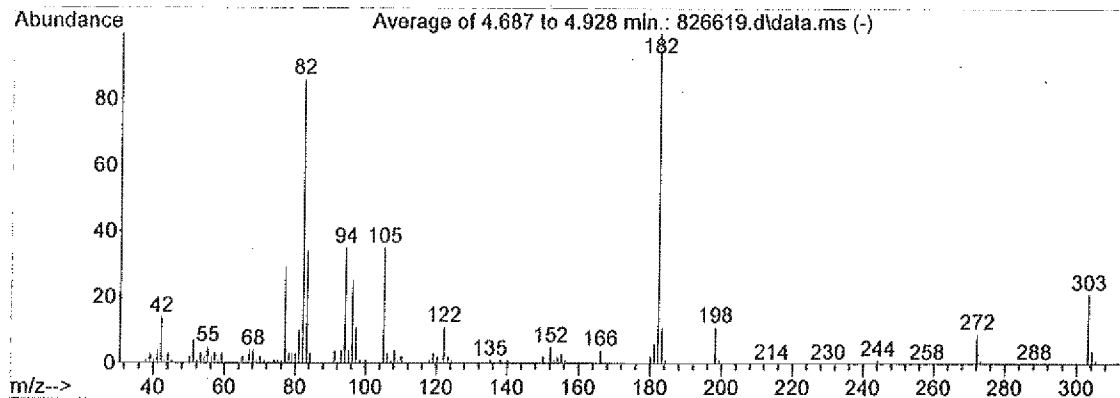


Information from Data File:

File Name : C:\MSDCHEM\1\DATA\SYSTEM6\05_01_12\826619.d
Operator : KAC
Date Acquired : 1 May 2012 18:52
Sample Name : XXXXXXXXXX
Submitted by : KAC
Vial Number : 19
AcquisitionMeth: DRUGS.M
Integrator : RTE

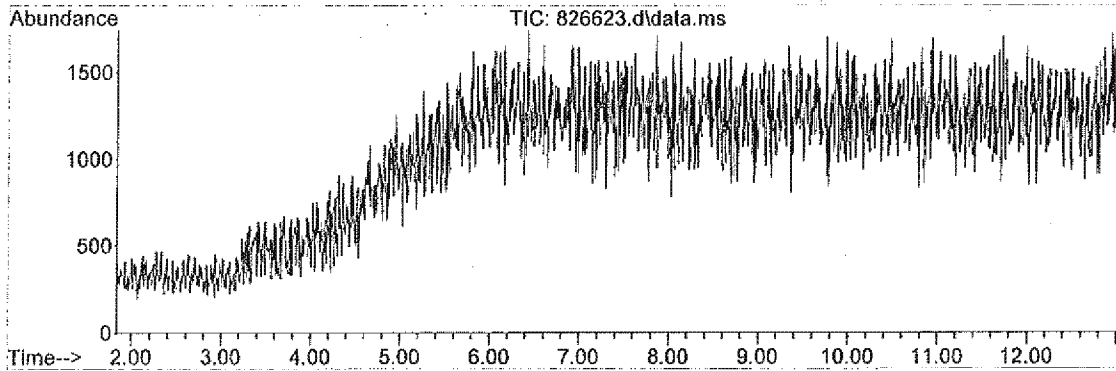
Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

| PK# | RT | Library/ID | CAS# | Qual |
|-----|------|-------------------|-------------|------|
| 2 | 4.73 | C:\Database\SLI.L | | |
| | | COCAINE | 000050-36-2 | 99 |
| | | COCAINE | 000050-36-2 | 99 |
| | | COCAINE | 000050-36-2 | 99 |



Information from Data File:

File Name : C:\MSDCHEM\1\DATA\SYSTEM6\05_01_12\826623.d
Operator : KAC
Date Acquired : 1 May 2012 19:56
Sample Name : BLANK
Submitted by :
Vial Number : 1
AcquisitionMeth: DRUGS.M
Integrator : RTE

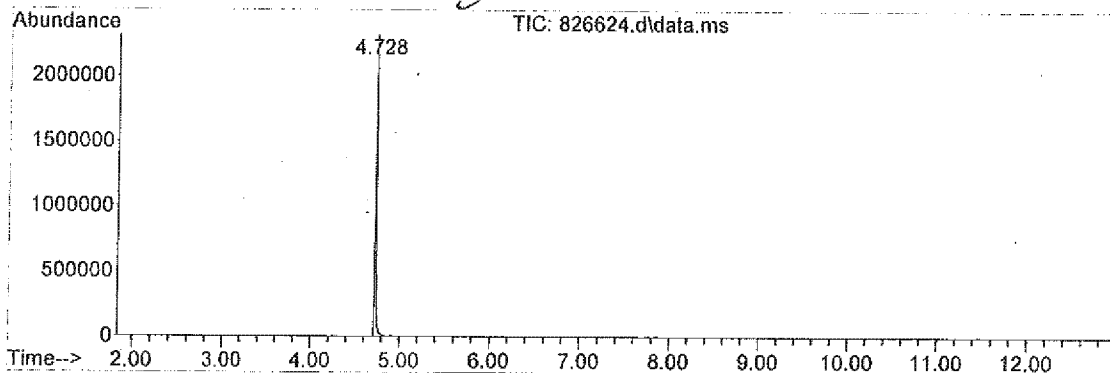


| Ret. Time | Area | Area % | Ratio % |
|-----------|------|--------|---------|
|-----------|------|--------|---------|

NO INTEGRATED PEAKS

Information from Data File:

File Name : C:\MSDCHEM\1\DATA\SYSTEM6\05_01_12\826624.d
 Operator : KAC
 Date Acquired : 1 May 2012 20:12
 Sample Name : COCAINE STD
 Submitted by :
 Vial Number : 12
 AcquisitionMeth: DRUGS.M
 Integrator : RTE



| Ret. Time | Area | Area % | Ratio % |
|-----------|---------|--------|---------|
| 4.728 | 2243451 | 100.00 | 100.00 |

Information from Data File:

File Name : C:\MSDCHEM\1\DATA\SYSTEM6\05_01_12\826624.d
Operator : KAC
Date Acquired : 1 May 2012 20:12
Sample Name : COCAINE STD
Submitted by :
Vial Number : 12
AcquisitionMeth: DRUGS.M
Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST08.L Minimum Quality: 80
C:\Database\PMW_TOX2.L

| PK# | RT | Library/ID | CAS# | Qual |
|-----|------|-------------------|-------------|------|
| 1 | 4.73 | C:\Database\SLI.L | | |
| | | COCAINE | 000050-36-2 | 99 |
| | | COCAINE | 000050-36-2 | 99 |
| | | COCAINE | 000050-36-2 | 99 |

